Insulin delivery and glucose monitoring methods: future research needs
Yeh H-C, Lau BD, Golden SH, Donner T, Brown TT, Bass EB

Record Status
This is a bibliographic record of a published health technology assessment from a member of INAHTA. No evaluation of the quality of this assessment has been made for the HTA database.

Citation

Authors’ conclusions
For type 1 diabetes, three expert stakeholders ranked adolescents as the highest priority age group for future research, and three stakeholders ranked the artificial pancreas as the highest priority for future research. For future research on glucose monitoring methods in patients with type 1 diabetes, all Stakeholders identified rt-CGM as the highest priority. For younger populations (children and adolescents) of patients with type 1 diabetes, adherence was ranked as the highest priority outcome for inclusion in future research. For adults and elderly patients with type 1 diabetes, most stakeholders ranked severe hypoglycemia as the highest priority outcome for inclusion in future research. Among insulin-requiring type 2 patients with diabetes, three stakeholders ranked adults as the highest priority age group for future research. For all patients with insulin-requiring type 2 diabetes, three Stakeholders ranked the sensor-augmented insulin pump as the highest priority for research on insulin delivery methods. Likewise, for future research on glucose monitoring methods in patients with insulin-requiring type 2 diabetes, three stakeholders identified rt-CGM as the highest priority. Most stakeholders ranked HbA1c as the highest priority outcome to include in future research on insulin-requiring type 2 diabetes.

Final publication URL

Indexing Status
Subject indexing assigned by CRD

MeSH
Blood Glucose Self-Monitorings; Insulin; Hypoglycemic Agents; Insulin Infusion Systems

Language Published
English

Country of organisation
United States

English summary
An English language summary is available.

Address for correspondence
AHRQ, Center for Outcomes and Evidence Technology Assessment Program, 540 Gaither Road, Rockville, MD 20850, USA Email: AHRQTAP@ahrq.hhs.gov

AccessionNumber
32013000246

Date abstract record published